

## Chemistry Report for Case # P-19-0002

### General

<b>Submitter:</b> [REDACTED]	
<b>Contact:</b> [REDACTED]	<b>Contact Telephone No.:</b> [REDACTED]
<b>TS No.:</b> 18NFC1	
<b>Chemist:</b> Yakal, Randy	<b>Contractor Support:</b> Y
<b>PV Init (kg/yr):</b> [REDACTED]	<b>PV Max (kg/yr):</b> [REDACTED]
<b>Binding Option:</b> <input type="checkbox"/>	<b>Exposure-Based Review:</b> <input checked="" type="checkbox"/>
<b>Manufacture:</b> <input checked="" type="checkbox"/>	<b>Import:</b> <input type="checkbox"/>

<b>CAS Number:</b> [REDACTED]
<b>Chemical Name</b> [REDACTED] [REDACTED]
<b>Trade Name:</b> None
<b>IES Order:</b> 439443-1
<b>Generic Name:</b> Polyaromatic symmetrical tetracarboxylic acid

### Chemical Structure



### Physical Chemical Properties

<b>Molecular Formula:</b> [REDACTED] [REDACTED]	<b>Molecular Weight:</b> [REDACTED]
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<b>% &lt; 500:</b>	<b>% &lt; 1000:</b>
<b>MP:</b> [REDACTED]	<b>MP Estimate:</b>
<b>BP:</b>	<b>BP Pressure:</b>
<b>BP Estimate:</b> >400	
<b>VP (Torr):</b>	<b>VP Estimate (Torr):</b> <0.000001
<b>Water Solubility (g/L):</b>	<b>Water Soluble Estimate (g/L):</b> 0.00128
<b>Log P:</b>	<b>Log P Estimate:</b> 4.35
<b>Physical State — Neat:</b> [REDACTED]	<b>Physical State — Manuf:</b> [REDACTED]

**Physical State — Processing:** NA  
**Physical State — End Use:** Destroyed

## Additional Chemical Info

Submitted  
data: [REDACTED]; MP = [REDACTED] °C; very slightly soluble in water (MSDS); soluble in NMP, DMSO, DMAc, sulfolane, and alcohols. An IR spectrum was provided.  
EPI estimated data (input MP = [REDACTED] °C), SMILES: [REDACTED] BP = 807 °C; VP = 5.44E-18 torr; WS = 1.28 mg/L; log P = 4.35.

## Uses

**Consumer Use?** No

**Use:**

Chemical intermediate [REDACTED]

**Other Uses:**

No  
alternative uses were found for the PMN material.

## Reaction Description

[REDACTED]

**Pollution Prevention Analysis(P2 Analysis:)**

No  
Pollution Prevention information was provided by the  
submitter.

**Analogs**

Analogs:

**Comments/Telephone Log**

Artifact	Update/Upload Time
	